

Title (en)

METHOD AND SYSTEM FOR DISPLAY OUTPUT STUTTER

Title (de)

VERFAHREN UND SYSTEM ZUR STEUERUNG DES AUSGABERHYTHMUS EINER ANZEIGE

Title (fr)

PROCÉDÉ ET SYSTÈME DE COMMANDE DE LA CADENCE DES SORTIES D’AFFICHAGE

Publication

EP 2470976 A2 20120704 (EN)

Application

EP 10824532 A 20101019

Priority

- US 60421609 A 20091022
- IB 2010002668 W 20101019

Abstract (en)

[origin: US2011096079A1] Apparatus and methods for reducing power consumption of a data transfer interface in a computer system are disclosed. In one embodiment, a method for reducing power consumption of a data transfer interface between a first device and a second device, includes, identifying a free interval between a first data and a second data, disabling the data transfer interface during the free interval, enabling the data transfer interface at the end of the free interval, and transmitting the second data. The method may also include a step of notifying the second device that the data transfer interface is being temporarily disabled. Another embodiment, for example, includes the transfer of display data (or video frames) over an interface, such as, a DisplayPort interface, between a graphics controller device and a timing controller device in a computer system.

IPC 8 full level

G06F 1/32 (2006.01)

CPC (source: EP KR US)

G06F 1/32 (2013.01 - KR); **G06F 1/3203** (2013.01 - US); **G06F 1/3253** (2013.01 - EP US); **G06F 1/3265** (2013.01 - EP US); **G06F 13/14** (2013.01 - KR); **G09G 5/00** (2013.01 - KR); **Y02D 10/00** (2017.12 - EP US); **Y02D 30/50** (2020.08 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2011096079 A1 20110428; **US 8937621 B2 20150120**; CN 102667667 A 20120912; CN 102667667 B 20151125; EP 2470976 A2 20120704; EP 2470976 A4 20150114; EP 2470976 B1 20190508; JP 2013508846 A 20130307; JP 5748761 B2 20150715; KR 101610271 B1 20160407; KR 20120098731 A 20120905; US 2013009970 A1 20130110; US 9152201 B2 20151006; WO 2011048467 A2 20110428; WO 2011048467 A3 20110901

DOCDB simple family (application)

US 60421609 A 20091022; CN 201080058256 A 20101019; EP 10824532 A 20101019; IB 2010002668 W 20101019; JP 2012534784 A 20101019; KR 20127013095 A 20101019; US 201213618266 A 20120914